

<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">             Substitution for form 1449A/PTO           </div> <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 10px 0 0 0;"><i>(use as many sheets as necessary)</i></p> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px 0;"> <span>Sheet</span> <span>1</span> <span>of</span> <span>4</span> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; padding: 5px;"><i>Complete if Known</i></th> </tr> <tr> <td style="padding: 5px;">Application Number</td> <td style="padding: 5px;">09/813,496</td> </tr> <tr> <td style="padding: 5px;">Filing Date</td> <td style="padding: 5px;">03-21-2001</td> </tr> <tr> <td style="padding: 5px;">First Named Inventor</td> <td style="padding: 5px;">Donald S. Gardner</td> </tr> <tr> <td style="padding: 5px;">Art Unit</td> <td style="padding: 5px;">2832</td> </tr> <tr> <td style="padding: 5px;">Examiner Name</td> <td style="padding: 5px;">Not yet assigned</td> </tr> <tr> <td style="padding: 5px;">Attorney Docket Number</td> <td style="padding: 5px;">42390P10888</td> </tr> </table>	<i>Complete if Known</i>		Application Number	09/813,496	Filing Date	03-21-2001	First Named Inventor	Donald S. Gardner	Art Unit	2832	Examiner Name	Not yet assigned	Attorney Docket Number	42390P10888
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Examiner Signature	<i>Truyen T. Nguyen</i>	Date Considered	<i>6/25/03</i>
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
TTN		K. SHIRAKAWA, ET AL., "Thin Film Cloth-Structured Inductor For Magnetic Integrated Circuit," IEEE Transactions on Magnetics, September 1990, pp. 2262-2264, Vol. 26, No. 5.	
		M. YAMAGUCHI, ET AL., "Characteristics Of Magnetic Thin-Film Inductors At Large Magnetic Field," IEEE Transactions on Magnetics, November 1995, pp. 4229-4231, Vol. 31, No. 6.	
		E. BRANDON, ET AL., "Microinductors For Spacecraft Power Electronics," Magnetic Materials, Processes, and Devices VI Applications to Storage and Microelectromechanical Systems (MEMS), 2001, pp. 559-567, Vol. 2000-29, The Electrochemical Society, Inc., Pennington, New Jersey.	
		ERIK J. BRANDON, "Passive Components For Systems-On-A-Chip Applications," Center for Integrated Space Microsystems, Jet Propulsion Laboratory.	No DATE
		S.S. MOHAN, ET AL., "Simple Accurate Expressions For Planar Spiral Inductances," IEEE Journal of Solid-State Circuits, October 1999, pp. 1419-1424, Vol. 34, No. 10.	
		JOACHIM N. BURGHARTZ, "Integrated Multilayer RF Passives in Silicon Technology," IBM Research Division, Yorktown Heights, NY.	No DATE
		JAE YEONG PARK, ET AL., "Batch-Fabricated Microinductors With Electroplated Magnetically Anisotropic and Laminated Alloy Cores," IEEE Transactions on Magnetics, September 1999, pp. 4291-4300, Vol. 35, No. 5.	
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		ALI M. NIKNEJAD and ROBERT G. MEYER, "Analysis, Design, and Optimization of Spiral Inductors and Transformers for Si RF IC's," IEEE Journal of Solid-State Circuits, October 1998, pp. 1470-1481, Vol. 33, No. 10.	
		DONALD S. GARDNER and PAUL A. FLINN, "Mechanical Stress As A Function Of Temperature For Aluminum Alloy Films," Journal of Applied Physics, February 15, 1990, pp. 1831-1845, Vol. 67.	
TTN		M. BABA, ET AL., "GHz-Drive Magnetic Thin-Film Inductor Using CoNbZr Film," Journal of the Magnetics Society of Japan, 2000.	No MONTH

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*Trang T. Nguyen*

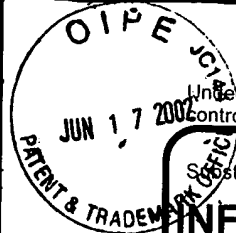
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TTN		Y. KOBAYASHI, ET AL., "New Type Micro Cloth-Inductor And Transformer With Thin Amorphous Wires And Multi-Thin Coils," IEEE Transactions on Magnetics, September 1992, pp. 3012-3014, Vol. 28, No. 5.	
		H. MATSUKI and K. MURAKAMI, "A New Cloth Inductor Using Amorphous Fiber," IEEE Transactions on Magnetics, September 1985, pp. 1738-1740, Vol. MAG-21, No. 5.	
		V. KORENIVSKI and R.B. VAN DOVER, "Magnetic Film Inductors For Radio Frequency Applications," Journal of Applied Physics, November 15, 1997, pp. 5247-5254, Vol. 82.	
		M. YAMAGUCHI, ET AL., "Microfabrication And Characteristics Of Magnetics Thin-Film Inductors In The Ultrahigh Frequency Region," Journal of Applied Physics, June 1, 1999, pp. 7919-7922, Vol. 85, No. 11.	
		JOHN R. LONG and MILES A. COPELAND, "The Modeling, Characterization, And Design Of Monolithic Inductors For Silicon RF IC's," IEEE Journal of Solid-State Circuits, March 1997, pp. 357-369, Vol. 32, No. 3.	
		M. YAMAGUCHI, ET AL., "Magnetic Thin-Film Inductor For RF Integrated Circuits," Extended Abstracts of the 1999 International Conference on Solid-State Devices and Materials, 1999, pp. 580-281, Tokyo.	
		T. SATO, ET AL., "New Applications of Nanocrystalline Fe(Co-Fe)-Hf-O Magnetic Films To Micromagnetic Devices," Journal of Applied Physics, June 1, 1998, pp. 6658-6660, Vol. 83, No. 11.	
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		JOACHIM N. BURGHARTZ, "Progress In RF Inductors On Silicon - Understanding Substrate Losses," IBM Research Division, Yorktown Heights, NY. <i>No DATE</i>	
		S. YABUKAMI, ET AL., "Noise Analysis Of A MHz-3 GHz Magnetic Thin Film Permeance Meter," Journal of Applied Physics, April 15, 1999, pp. 5148-5150, Vol. 85, No. 8.	
TTN		JAE PARK and MARK G. ALLEN, "Bar-Type Microinductors and Microtransformers With Electroplated Alloy Cores," Magnetic Devices Research, sponsored by Packaging Research Center. <i>No DATE</i>	

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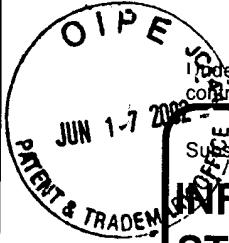
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TTN		ERIK BRANDON, "System On A Chip Integrated Passive Components ( $\mu$ IRS)" No MONTH DATE	
		MASAHIRO YAMAGUCHI, "Magnetic Films For Planar Inductive Components And Devices," Handbook of Thin Film Devices, edited by M.H. Francombe, 2000, pp. 185-186, Vol. 4: Magnetic Thin Film Devices. No MONTH	
		S.S. MOHAN, ET AL., "Bandwidth Extension In CMOS With Optimized On-Chip Inductors," IEEE Journal of Solid-State Circuits, March 2000, pp. 346-355, Vol. 35, No. 3.	
		S.S. MOHAN, ET AL., "Modeling And Characterization Of On-Chip Transformers," Center for Integrated Systems, Stanford University, Stanford, CA 94305. No DATE	
		M.M. MOJARRADI, ET AL., "Power Management And Distribution For System On A Chip For Space Applications," Jet Propulsion Laboratory, California Institute of Technology, under a contract with the National Aeronautics and Space Administration, Paper No. 284. No DATE	
		TERENCE O'DONNELL, ET AL., "Microtransformers and Inductors Using Permalloy Thin Films," Preparation, Properties, and Applications of Thin Ferromagnetic Films, June 2000, pp. 45-52.	
		C. PATRICK YUE and S. SIMON WONG, "On-Chip Spiral Inductors With Patterned Ground Shields For Si-Based RF IC's," IEEE Journal of Solid-State Circuits, May 1998, pp. 743-752, Vol. 33, No. 5.	
TTN		DONALD S. GARDNER, United States Patent Application for "Method and Apparatus for Providing Inductor for Integrated Circuit or Integrated Circuit Package" TECHNOLOGY CENTER 2800 JUN 19 2002 RECEIVED No DATE	

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